



OPERATION AND MAINTENANCE PLAN

“WASTE STORAGE POND”

Landowner/Operator: _____ **Date:** _____

Address: _____

Legal description of practice location: SEC _____ T _____ R _____

OVERVIEW

A properly operated and maintained waste storage pond is an asset to your farm. This waste storage pond was designed and installed to provide temporary storage of animal waste. The performance life of this installation can be assured and usually increased by developing and carrying out a good operation and maintenance program.

This practice will require you to perform periodic operation and maintenance to maintain satisfactory performance. The following recommendations will help you in performing adequate operation and maintenance.

GENERAL RECOMMENDATIONS

- Maintain all pumps, agitators, piping, valves and other electrical and mechanical equipment in good operating condition following the manufacture's recommendations.
- Maintain grounding rods and wiring of all electrical equipment in good working condition.
- Prior to the storage season, empty the pond to provide storage capacity for the accumulation of animal wastes and precipitation during the storage period.
- Fences and/or warning signs shall be maintained to prevent unauthorized human or livestock entry.
- Immediately repair any vandalism, vehicular or livestock damage to any earthfills, spillway, outlets or other appurtenances.
- Maintain vigorous growth of desirable vegetative coverings. This includes reseeding, fertilization, and controlled application of herbicides when necessary. Periodic mowing or grazing may be needed to control height.
- Immediately remove any foreign debris in or adjacent to the waste storage pond.
- Determine and eliminate causes of settlement or cracks in the earthen sections and repair damage.
- Repair spalls, cracks and weathered areas in concrete surfaces.

- Repair or replace rusted or damaged metal and paint.
- Replace weathered or displaced rock riprap to constructed grade,
- Make sure all structure drains are functional and soil is not being transported through the drainage system. The screens and/or rodent guards shall also be kept in place.
- Eradicate or otherwise remove all rodents or burrowing animals and repair any damage caused by their activity.
- Immediately remove any obstructions or blockage of spillways, trash racks, or pipe inlets.
- Apply insecticides for insect control as per the manufactures recommendations and precautions, as needed.
- Operate System in a manner that minimizes odors and air drift.
- Agitating should be completed at the appropriate location(s) in order to maintain the pond liner material.

SPECIFIC RECOMMENDATIONS FOR YOUR STRUCTURE

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CONTACT YOUR LOCAL NATURAL RESOURCES CONSERVATION SERVICE OFFICE FOR ANY ADDITIONAL TECHNICAL ASSISTANCE YOU MIGHT NEED FOR IMPLEMENTATION OF THIS OPERATION AND MAINTENANCE PLAN FOR YOUR STRUCTURE.